



1. In a network that includes an expert proxy server computer system that is coupled to a plurality of wireless devices through a wireless network, wherein the expert proxy server is coupled through a network to a plurality of server computer systems, the expert proxy server either directly or in conjunction with the plurality of server computer systems offering a plurality of applications that provide a service, a method of the expert proxy server acting as an agent for a wireless device so as to preserve the limited bandwidth of the wireless network and so as to preserve the limited memory and processing capacity of the wireless device, the method comprising the following:

a specific act of the expert proxy server computer system determining that a service is to be provided to a wireless device;

a specific act of the expert proxy server computer system identifying an application that provides the service;

a specific act of the expert proxy server computer system communicating with the identified application that provides the service;

a specific act of the expert proxy server computer system compiling the results of the communication with the application; and

a specific act of the expert proxy server computer system transmitting the compilation to the wireless device over the wireless network.

2. A method in accordance with Claim 1, wherein the specific act of the expert proxy server determining that a service is to be provided to a wireless device comprises the following:

a specific act of the expert proxy server receiving a request from the wireless device to provide the service.

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3. A method in accordance with Claim 1, wherein the specific act of the expert proxy server computer system communicating with the identified application that provides the service comprises the following:

a specific act of the expert proxy server communicating with one of the plurality of server computer systems over the external network that hosts the identified application.

4. A method in accordance with Claim 1, wherein the specific act of the expert proxy server computer system communicating with the identified application that provides the service comprises the following:

a specific act of the expert proxy server submitting a plurality of separate communications to the application; and

a specific act of the expert proxy server receiving a response to at least some of the plurality of communications.

5. A method in accordance with Claim 1, wherein the service includes an instant messaging service.

6. A method in accordance with Claim 1, wherein the service includes a storage service.

7. A method in accordance with Claim 1, wherein the service includes a customized page service.

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8. A method in accordance with Claim 1, wherein the service includes a reservations service.

9. A method in accordance with Claim 1, wherein the service includes a bidding service.

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1 10. A computer program product for use in an expert proxy server computer
2 system that is coupled to a plurality of wireless devices through a wireless network,
3 wherein the expert proxy server is coupled through a network to a plurality of server
4 computer systems, the expert proxy server either directly or in conjunction with the
5 plurality of server computer systems offering a plurality of applications that provide a
6 service, the computer program product for implementing a method of the expert proxy
7 server acting as an agent for a wireless device so as to preserve the limited memory and
8 processing capacity of the wireless device, the computer program product having a
9 computer-readable medium having stored thereon computer-executable instructions for
10 performing the following:

- 11 a specific act of determining that a service is to be provided to a wireless
- 12 device;
- 13 a specific act of identifying an application that provides the service;
- 14 a specific act of causing the expert proxy server computer system to
- 15 communicate with the application that provides the service;
- 16 a specific act of compiling the results of the communication with the
- 17 application; and
- 18 a specific act of causing the expert proxy server computer system to
- 19 transmit the compilation to the wireless device over the wireless network.

21 11. A computer program product in accordance with Claim 10, wherein the
22 computer-executable instructions for performing the specific act of determining that a
23 service is to be provided to a wireless device comprises computer-executable instructions
24 for performing the following:

14. In a network that includes an expert proxy server computer system that is coupled to a plurality of wireless devices through a wireless network, wherein the expert proxy server provides is coupled through a network to a plurality of server computer systems, the expert proxy server either directly or in conjunction with the plurality of server computer systems offering a plurality of applications that provide a service, a method of the expert proxy server acting as an agent for a wireless device so as to preserve the limited memory and processing capacity of the wireless device, the method comprising the following:

a specific act of the expert proxy server computer system determining that a service is to be provided to a wireless device;

a step for compiling a response using an application that provides the service; and

a specific act of the expert proxy server computer system transmitting the compilation to the wireless device over the wireless network.

15. A method in accordance with Claim 14, wherein the step for compiling a response using an application that provides the service comprises the following:

a specific act of the expert proxy server computer system identifying an application that provides the service;

a specific act of the expert proxy server computer system communicating with the identified application that provides the service; and

a specific act of the expert proxy server computer system compiling the results of the communication with the application.

16. A method in accordance with Claim 15, wherein the specific act of the expert proxy server determining that a service is to be provided to a wireless device comprises the following:

a specific act of the expert proxy server receiving a request from the wireless device to provide the service.

17. A method in accordance with Claim 15, wherein the specific act of the expert proxy server computer system communicating with the identified application that provides the service comprises the following:

a specific act of the expert proxy server communicating with one of the plurality of server computer systems over the external network that hosts the identified application.

18. A method in accordance with Claim 15, wherein the specific act of the expert proxy server computer system communicating with the identified application that provides the service comprises the following:

a specific act of the expert proxy server submitting a plurality of separate communications to the application; and

a specific act of the expert proxy server receiving a response to at least some of the plurality of communications.

19. A method in accordance with Claim 15, wherein the service includes an instant messaging service.

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20. A method in accordance with Claim 15, wherein the service includes a storage service.

21. A method in accordance with Claim 15, wherein the service includes a customized page service.

22. A method in accordance with Claim 15, wherein the service includes a reservations service.

23. A method in accordance with Claim 15, wherein the service includes a bidding service.

